



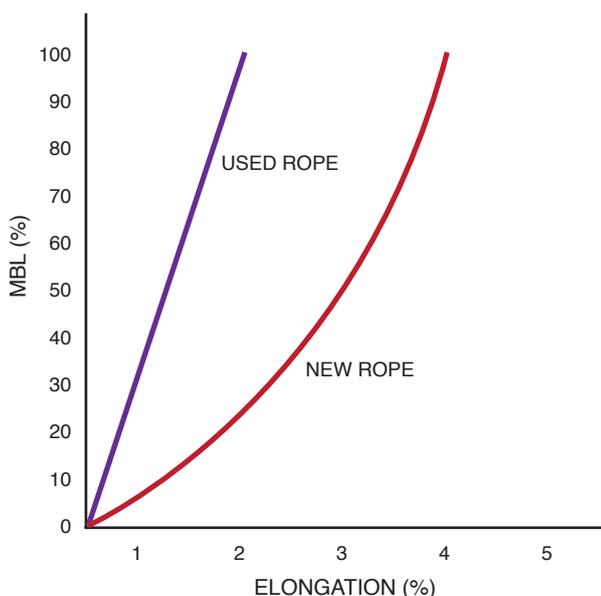
MAGNARO[®]-HMPE Plus

PRODUCT DESCRIPTION

HMPE (High-modulus polyethylene) fibres are produced by gel-spinning ultra-high molecular weight polyethylene (UHMWPE). It has a very low coefficient of friction and is extremely resistant to abrasion. The strength is higher than that of conventional steel wire rope and the corresponding weight is up to 7 times lower! Its better handling characteristics, buoyancy and increased safety (no lash back) are especially appreciated in towing and mooring applications.

The cover can be made from polyester or HMPE, giving the rope extra protection against abrasion and thus increasing the service life of the rope.

ELONGATION GRAPH



PRODUCT PROPERTIES

Material	HMPE
Construction	12-strand with cover
Color of Rope	White
Specific Gravity	0.97 - 1.09
Melting Point	147°C / 260°C
Abrasion Resistance	Excellent
U.V. Resistance	Excellent
Dry & Wet Conditions	Identical wet & dry strengths

PRODUCT SPECIFICATIONS

Dia. mm	Circ. inch	Weight* kg/100m	MBL	
			Ton	kN
28	3 ½	50.0	63.0	618.6
32	4	64.0	74.0	726.6
36	4 ½	78.9	93.0	913.2
40	5	94.8	114	1,002
44	5 ½	111	135	1,326
48	6	137	165	1,620
52	6 ½	160	195	1,915
56	7	183	230	2,258
60	7 ½	205	263	2,583
64	8	236	308	3,024
72	9	295	380	3,731
80	10	359	458	4,497
88	11	421	540	5,303
96	12	511	626	6,147

* Weights are with polyester cover, weights with HMPE cover are available upon request

Spliced Strength: -10%
 MBL is in accordance with ISO 2307
 Complies with OCIMF (MEG3)